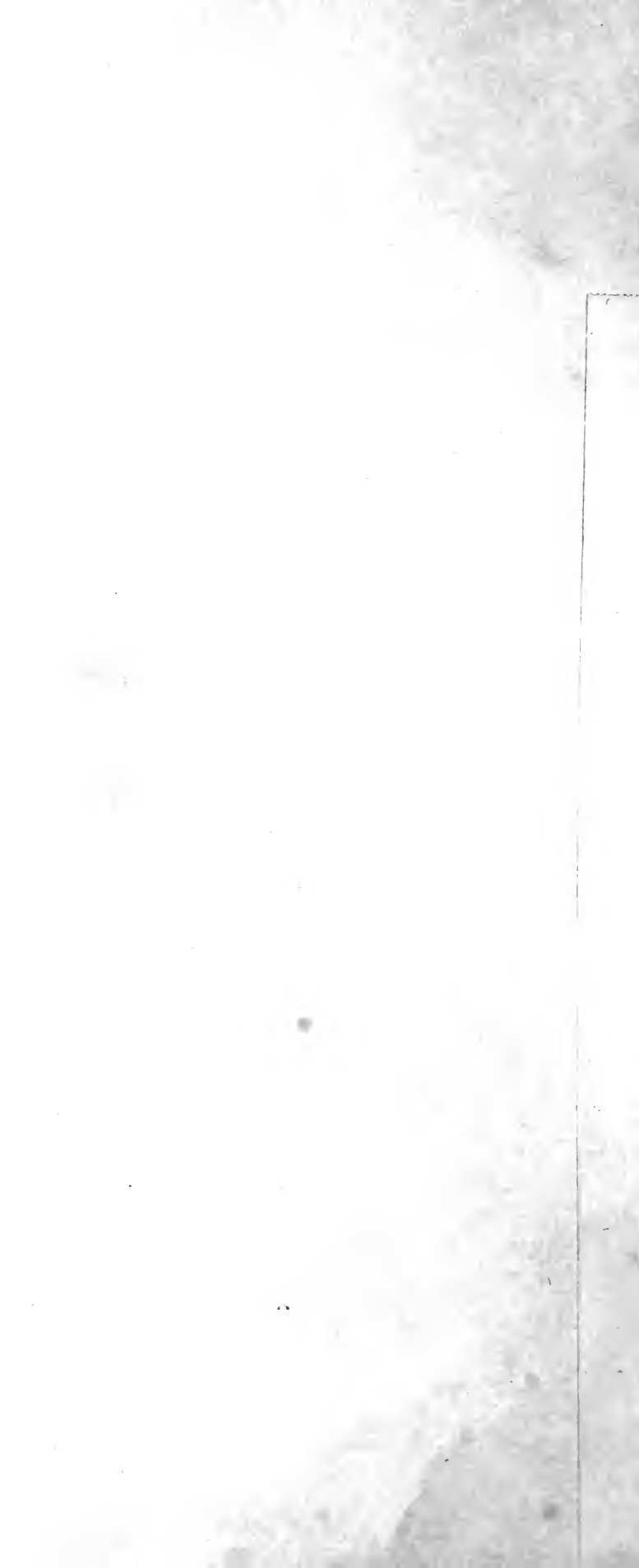


## **Historic, Archive Document**

Do not assume content reflects current scientific knowledge, policies, or practices.



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# ZVOLANEK'S FLORISTS' LIST OF Sweet Pea Seed

## HIGHEST AWARDS

Gold Medal of Honor, Gold Medal, at San Francisco, Gold Medal at San Diego; other Gold and Silver Medals from S. A. F. and many Certificates of Merit by the leading Florists Clubs and Horticultural Societies,



To protect our patrons from fraud, every package of our Winter Orchid-Flowering Sweet Pea Seed must bear our above Trade Mark. Do not accept any others.

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ANT. C. ZVOLANEK & SONS  
SWEET PEA RANCH

LOMPOC, Santa Barbara County,  
CALIFORNIA, U. S. A.



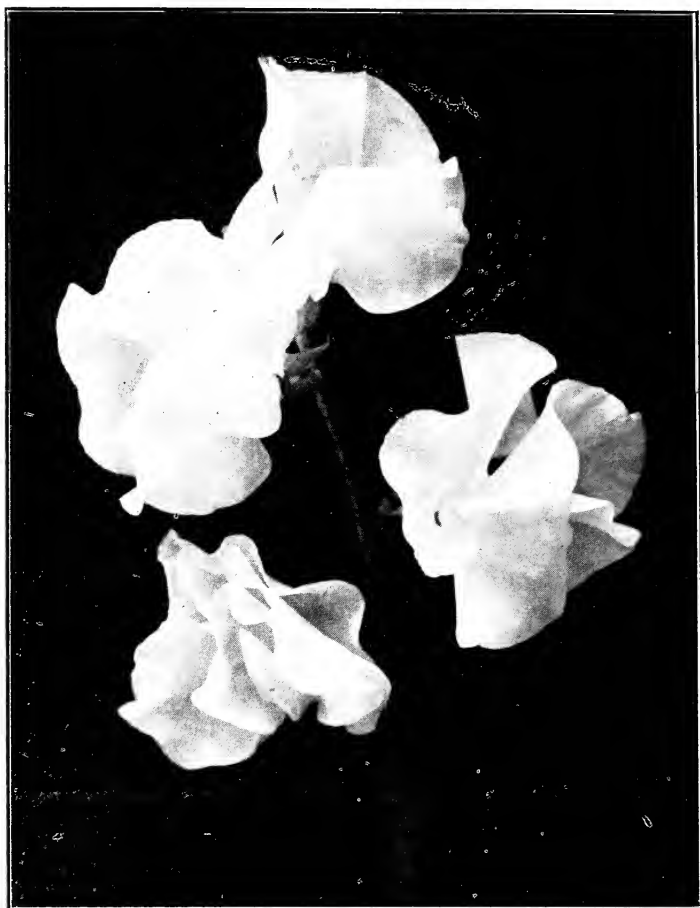
1920-1921

# **ZVOLANEK'S**

## ***Winter-Orchid-Flowering Sweet Pea Seeds***



***Novelties for 1920-1921***



To Our Customers:

More than a generation ago, we originated and introduced to the commercial growers the first Winter Flowering Grandiflora Sweet Pea Seed. Fourteen years ago we originated the first Winter Flowering Sweet Pea and since their introduction many millions of square feet of glass are planted yearly with our seeds by the many commercial growers for cut flowers; besides many acres each year for outdoor planting. Our Sweet Peas are recognized as the best the world over, not only under glass, but for out-of-doors as well. We have dropped the raising of any other seed, but our

original Winter Flowering or Early Sweet Pea. We have abandoned even the raising of the late Spencers, as there is no use for them for outdoors culture, because our original early or Winter Spencer Sweet Peas are far superior, producing better and more flowers and being three to four weeks earlier.

We have started from a very small beginning, but today we can safely say that we supply 95% of all the commercial growers with our own original seed. We deal exclusively with growers and market gardeners who raise the Sweet Pea Flower for profit. We do not sell to seedsmen in bulk, but every variety must be in our own sealed packets with our trade mark.

We have now over 400 Winter Spencers, all of our own original varieties, but our aim is not to offer a lot, but only the best, and we try to keep the number listed down as far as possible. All varieties here listed are all strictly of commercial value, so every grower who gets our seed is assured success. We are prepared to serve for several generations more to come with our original Sweet Pea Seed.

### **WARRANTY**

All varieties in this list are true and fixed as represented. Should any mistakes happen on our side, we will refund the full amount paid for the seed, but we shall not be responsible for a failure caused by climate conditions or neglect of the grower.

### **TERMS**

All orders with remittance will be sent prepaid to any part of the Postal Union, and 6% discount. Orders not accompanied by remittance will be sent C. O. D. unless other agreements are made in advance. All bills over 30 days standing are subject to 6% additional.

Foreign orders cannot be insured. To insure delivery of foreign orders, first-class postage should be added, otherwise we cannot be held responsible for delivery.

Most all of the older commercial varieties will be ready for shipment about the 10th of July, while the novelties will be ready in August.

We thank our many friends and patrons for the past favors and respectfully solicit a continuance of the same.

Yours very truly,

ANT. C. ZVOLANEK & SONS,

Lompoc, California

### **NOVELTIES**

We are in a position to introduce at least 50 or more novelties each year, but we select only a very few and only those in which we have faith. Sometimes it happens that even those are not worthy, so we advise our customers not to invest much in novelties, as they sometimes revert even when we think they are fixed. We will send one trial package of either of the novelties here listed free with each \$5.00 order.

**ZVOLANEK'S WHITE:** This is the largest white in existence. It is white seeded and practically the same size and shape as the Zvolanek Rose, which we introduced last year.

**ZVOLANEK'S XMAS. GEM:** Same color as Xmas. Pink, only double the size and wavy.

**ZVOLANEK'S SWAN:** This is a very pure white, but black seeded; rather shorter grower, flowers large and ruffled.

**ZVOLANEK'S PINK:** Practically the same in color as the well known Zvolanek Rose, only the flowers are more ruffled and the plants of shorter growth.

**ZVOLANEK'S CARMINE:** Is darker than our Zvolanek's Beauty; a very robust grower.

Everyone of these named varieties if grown well, will produce 4 or more flowers on long stems.

Price on each,  $\frac{1}{4}$  oz., \$4.00; 1 oz., \$12.00.

## GENERAL LIST OF WELL PROVED

### COMMERCIAL VARIETIES

#### BICOLOR

**ZVOLANEK'S XMAS. PINK ORCHID:** Every year this variety seems to take more in favor with the trade. It is now in such shape that hardly one per cent does not come true. It keeps its color well for days without bleaching. Every grower recommends it.

Price, 1 oz., 75c; 4 oz., \$2.50; 1 lb., \$9.00.

**ZVOLANEK'S LIMIT:** The largest sweet pea in existence. It is simply of enormous size, but blooming about 10 days later than others.

Price on each,  $\frac{1}{4}$  oz., \$5.00.

#### SHELL PINK

**ZVOLANEK'S ROSE:** This is the best and largest of all. We have introduced it only two years ago and it takes with every commercial grower. Every one who has tried it once wants it again on a larger scale. We have already large advance orders booked. A large acreage has been planted to meet the demand, but at the same time we advise you to order as early as possible, as when the rush comes we may be sold out. The flowers are of the most beautiful self-rose color, double the size of Mrs. Skach and it is a free bloomer in winter as well as out-of-doors.

Price, 1 oz. \$4.00; 4 oz. \$12.00; 1 lb. \$40.00.

**MISS LOUISE GUDE:** Very large and has been largely grown by the largest commercial growers since its introduction.

**BOHEMIAN GIRL:** Very fine by artificial light on account of the orange shine on the standard.

**MRS. PAUL DUSHA:** Light pink, large and wavy: it is the winter-flowering Elfrida Parson.

Price on each, 1 oz., 75c; 4 oz., \$2.75; 1 lb. \$10.

**MRS. A. A. SKACH:** The well known variety of the clear pink color.

**SIM ORCHID:** Light pink and well to do as a market variety.

**ROSE QUEEN:** Is synonymous in every particular as the former.

**MRS. JOS. MANDA:** Light pink, long stems and curly flowers.

Price on each, 1 oz., 50c; 4 oz., \$1.50; 1 lb. \$5.00.

## WHITE AND BLUSH

**WHITE ORCHID:** Is one of our first introductions, but still asked for by many commercial growers.

**WATCHUNG ORCHID:** Large and good, free bloomer. It usually opens with a little pink on standard, but changing to pure white with the full opening.

**MRS. M. SPANOLIN:** Well known black-seeded; white, curly flowers on long stem.

**VENUS:** Best shaped flower; white, edged pink.

**BRIDAL VEIL:** Our best white seeded since their introduction and highly praised by any commercial florist.

Price on each, 1 oz., 75c; 4 oz., \$2.75; 1 lb. \$10.

## LAVENDER AND LIGHT BLUE

**MRS. CHAS. ZVOLANEK:** Is the leader in all lavenders. Beautiful clear lavender of great size; the best of its color yet introduced. It does not change the color in winter and is unexcelled for outdoor culture.

**LAVENDER SPANOLIN:** Practically the same color as the former, only the flowers are curved like the white variety of the same name. Many florists are growing it half and half with the former.

**ZVOLANEK'S BLUE:** Of the Blue Jay color. First class commercial variety.

**ZVOLANEK'S PALE BLUE:** Introduced by us only two years ago. It is now grown by thousands of commercial florists and is gaining friends every year. Its form, shipping quality and its beautiful sky blue color sells at sight.

Price on each, 1 oz., 75c; 4 oz., \$2.75; 1 lb. \$10.

**ED. ZVOLANEK:** Purest lavender, lighter than Mrs. Chas. Zvolánek. Very good bloomer in summer and in darkest winter. If well grown, majority of the flowers producing four to the long stem and with double standard wings. It may revert to some extent, but we guarantee it to be at least 90% true.

Price, 1 oz., \$4.00; 4 oz., \$12.00; 1 lb., \$40.00.

**LAVENDER QUEEN:** Mauve.

**LAVENDER NORA:** Clear lavender.

**FATHER N. C. RALEY:** Light blue of the Fl. Norton color.

Price on each, 1 oz., 50c; 4 oz., \$1.50.

## DARK BLUE AND MAROON

**ZVOLANEK'S MARQUIS:** True navy blue and perfect orchid type.

Price, 1 oz., 75c; 4 oz., \$2.75; 1 lb., \$10.00.

**XMAS. CAPTAIN:** Standard maroon, wings light blue. Well liked among florists.

**BLACK LADY:** Dark maroon self.

Price on each, 1 oz., 40c; 4 oz., \$1.25; 1 lb., \$4.00.

## ORANGE, SCARLET, RED, DARK ROSE

**ZVOLANEK'S ORANGE:** Introduced only last year. It has gained friends all over the world. First class greenhouse grower as well as for out-doors.

One of the best winter bloomers we have ever introduced. The color is fiery scarlet orange, nothing like any other sweet pea. Very long stems with largest percentage of four flowers of very large size. It is the same size and shape as the well known Louise Gude, only the color is different. We recommend it to every commercial grower as a first class money maker.

Price, 1 oz., \$4.00; 4 oz., \$12.00; 1 lb., \$40.00.

**MISS YNEZ GILBERT:** Scarlet orange. It is practically the duplicate of the late flowering Fiery Bird.

**BELGIAN HERO:** Bright orange salmon. Good in winter, but it burns in spring.

**ZVOLANEK'S XMAS. RED:** This is one of our first introductions in the Orchid Flowering Types. The color is old red and a good sized flower. We abandoned it a few years ago, but on request from many of our customers who claim that it does not drop the buds so badly during the dark winter days as some of the other red varieties.

**ZVOLANEK'S RED:** The largest of all existing red sweet peas. A vigorous red.

**SERVIAN PRINCE:** Fine magenta red.

**ZVOLANEK'S BEAUTY:** Clear fiery dark rose; a color by itself. Very large flowers which are wide apart, consequently making large bunches when cut. All our older growers want it. It is a good seller. Good for winter and summer.

Price on each, 1 oz., \$1.00; 4 oz., \$3.00; 1 lb. \$10.

**MISS FLORA FABING:** One of the largest winter sweet peas of rose pink color. Very tall.

**YARAWA:** Is most the same as former in color and habit, only the standard is more hooded.

**ORANGE ORCHID:** Bright orange salmon. For many years largely grown by the majority of commercial growers.

Price on each, 1 oz., 40c; 4 oz., \$1.25; 1 lb., \$4.00.

#### **LIGHT SALMON, APRICOT AND FANCY COLORS**

**MISS IRENE PILAT:** Large light salmon pink of the very finest wavy type. It is very handsome in every flower design when used short after it is cut, but it loses the color in 24 hours.

**GUDEMORE:** Same in size and shape as former, only the color is yellow, marbled with clear pink. It is one of the most artistic sweet peas; fit in most any design.

Price on each, 1 oz., \$2.00; 4 oz., \$10.00.

**GOLDEN ORCHID:** Canary yellow.

Price, 1 oz., 50c; 4 oz., \$1.50.

**DWARF GROWING WINTER SPENCER SWEET PEAS**

**ZVOLANEK'S DWARF DARK PINK:**

**ZVOLANEK'S DWARF LIGHT PINK:** We have introduced these two varieties a year ago and they found many admirers. While they are not much for cut flower use, they have proved to be valuable as pot plants, as they bloom during the entire winter. They are also very attractive during summer out-doors as a border, or by themselves in beds. They bloom most all summer until late.

Price, 1 oz., \$2.00.

**ZVOLANEK'S MIXTURE:** This mixture consists practically of all the best Zvolanek varieties, besides



some of the new ones not yet introduced. A row of these sweet peas is a revelation to every sweet pea lover.

Price, 1 oz., 30c; 4 oz., \$1.00; 1 lb., \$3.00.

Most of the best commercial varieties will be ready to ship about the middle of July. Please send your order early, before the big rush, and avoid disappointment. We are usually sold out very early each year, and maybe of such varieties as you may need. In case of a shortage or failure of crop we will take the liberty of substituting with the best and nearest color unless you mark your order "No Substitute."

Our Eastern customers can order all seeds from our greenhouses at Bound Brook, New Jersey, where we will send all of the most needed varieties as soon as harvested.

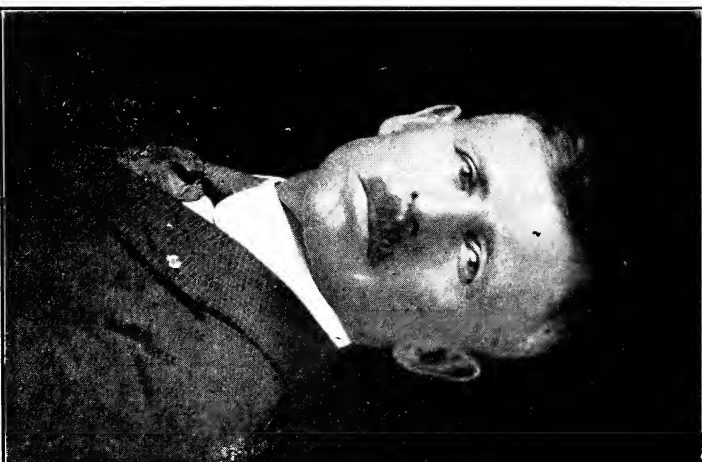
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## SHORT COMMANDMENTS ON SWEET PEA CULTURE

- 1 Any soil is good excepting heavy clay or too much sand for Sweet Peas.
- 2 Work the soil at least 18 inches deep, 2 feet is better, with plenty of rotten stable manure. Cow manure is the best. Use some lime and crushed bone.
- 3 Tramp the soil down firm; never plant in loose soil.
- 4 Take the hose and water good down to the base. Let stand a few days until moderately moist. Never put the seed in too wet soil.
- 5 Rake off the surface nice and smooth, make rows and drop the seed not over two inches deep, and two inches apart. Rake off again; do not water until all the seed is up, then give good soaking, about once a week. It is better to keep moisture below than on top.
- 6 When all seed is up, thin out to a least six inches apart, if outdoors, cover the rows with any old strips of wire netting, to protect the young plants from birds. All birds like the tender sweet pea shoots when just out of the ground.
- 7 Look from the start for Green Aphids. They are the greatest enemy. When you discover any, do not swear at them, they will only laugh at you, but take the spray gun at once, load it with one part of 40 per cent nicotine and 400 parts of water, if your Sweet Peas are outdoors. If in greenhouses, one to 600 will do if you spray them in time. Shoot with real gun any Blackbird which is around your sweet peas. They do not pick on the Aphids as many people think, but they feed most exclusively on the Lady Bugs, who are the greatest Aphid exterminator. Protect all frogs, they feed only on insects. Build them little water ponds where they will propagate quickly and they will keep your garden free of insects.
- 8 Give the young plants good substantial supports so they can climb from the start and have a chance to produce nice long, straight, flowering stems. Crooked flowers are worthless.
- 9 When the plants begin to bloom give them often liquid manure water, it will produce 100 per cent better flowers. Cow manure or weak sheep solution is the best.
- 10 Pick daily, even the poorest flowers; it will lengthen the flowering season. Keep the surface always loose to about two inches. Never allow any crust on the top.



WM. ZVOLANEK



ANT. C. ZVOLANEK



ED ZVOLANEK